



14042 U.S. PTO

031204

## NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 20563/1024B

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, Express Mail Label No. EL928104169US on this date, March 12, 2004, postage prepaid, in an envelope addressed to Mail Stop Patent Application Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

22386 U.S. PTO  
10/799278

031204

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Rabiner et al.

Title of Invention: Apparatus and Method for an Ultrasonic Probe Used with a Pharmacological Agent

Type:  New  
 Continuation of: 10/396,914  
 Continuation-in-Part of: \_\_\_\_\_  
 Divisional of: \_\_\_\_\_  
 which is hereby incorporated by reference in its entirety into the application filed herewith;

## and includes the following papers:

1.  Specification 38 pages (including specification, claims, abstract)/43 claims (4 independent)
2.  Declaration/Power of Attorney is:
 

<input type="checkbox"/> Executed	<input type="checkbox"/> Unexecuted	<input checked="" type="checkbox"/> Executed copy from Parent Application
<input type="checkbox"/> NOT included, but deferred under 37 C.F.R. § 1.53(f).		
3.  6 Distinct sheets of  Formal  Informal Drawings
4.  Application Data Sheet
5.  Preliminary Amendment.
6.  Information Disclosure Statement
 

<input type="checkbox"/> Form 1449	<input type="checkbox"/> A copy of each cited prior art reference (as necessary)
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7.  Assignment with Recordation Cover Sheet.
8.  Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
USA	60/178,901	January 28, 2000
USA	60/157,824	October 5, 1999

# NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 20563/1024B

9.  Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)
10/396,914	March 25, 2003
10/373,134	February 24, 2003
09/784,619	February 15, 2001
09/618,352	July 19, 2000

10.  Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11.  Priority document(s).
12.  Microfiche Computer Program (Appendix).
13.  Nucleotide and/or Amino Acid Sequence Submission.
  - Computer Readable Copy.
  - Paper Copy (identical to computer copy).
  - Statement verifying identity of above copies.
14.  Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15.  Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.

16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$770.00
Total Claims in <b>Excess of 20</b> (37 C.F.R. § 1.16(c))	43	23	\$18.00	414.00
Independent Claims in <b>Excess of 3</b> (37 C.F.R. § 1.16(b))	4	1	\$86.00	86.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))		No	\$290.00	0.00
Subtotal - Filing Fee Due				1270.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)			MULTIPLY BY 0.50	635.00
<b>TOTAL FILING FEE DUE</b>				<b>635.00</b>
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	0.00
<b>GRAND TOTAL DUE</b>				<b>635.00</b>

17. PAYMENT is:

- The Commissioner is hereby authorized to charge any fees to Deposit Account 16-0085, Ref. 20563/1024B.
- not included, but deferred under 37 C.F.R. § 1.53(f).

**NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL**

**Atty. Docket No.: 20563/1024B**

18. All correspondence for the attached application should be directed to:

**Richard B. Smith  
Customer Number 29934  
111 Huntington Avenue  
Boston, MA 02199-7613**

19. Other: \_\_\_\_\_

Respectfully submitted,

Date: March 12, 2004

By: David J. Dykeman  
Name: David J. Dykeman  
Registration No.: 46,678



14042 U.S. PTO  
031204

Atty. Docket No.: 20563/1024B PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Rabiner et al.  
Serial No.: Not Yet Assigned  
Filed: March 12, 2004  
Entitled: Apparatus and Method for an Ultrasonic  
Probe Used With a Pharmacological Agent

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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David J. Dykeman

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (38 pages);
3. Transmittal of Formal Drawings
4. Six (6) sheets of Formal drawings of Figs. 1-6;
5. Application Data Sheet;
6. Copy of the Declaration and Power of Attorney from Parent Application U.S. Serial No. 10/396,914; and
7. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 20563/1024B. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Name: David J. Dykeman  
Registration No.: 46,678  
Customer No.: 29934  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

Date: March 12, 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Rabiner et al.	Examiner:	Not Yet Assigned
Serial No.:	Not Yet Assigned	Group Art Unit:	Not Yet Assigned
Filed:	March 12, 2004		
Entitled:	Apparatus and Method for an Ultrasonic Probe Used With a Pharmacological Agent		
		Conf. No.:	Not Yet Assigned

**CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

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\_\_\_\_\_  
David J. Dykeman

Name of Person Mailing Paper

\_\_\_\_\_  
*David J. Dykeman*  
Signature of Person Mailing Paper

**Mail Stop Patent Application  
Commissioner for Patents  
Attention: Official Draftsperson  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**TRANSMITTAL OF FORMAL DRAWINGS**

Enclosed please find formal drawings of Figures 1 – 6 on 6 separate sheets.

Acceptance of the formal drawings is respectfully requested.

Respectfully submitted,

\_\_\_\_\_  
*David J. Dykeman*

Date: March 12, 2004

Name: David J. Dykeman  
Registration No.: 46,678  
Customer No.: 29934  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100

05/20/03 No. 041172

ALMER & DODGE LLP

PALMER & DODGE LLP  
111 Huntington Avenue At Prudential Center  
Boston, MA 02199-7613

No. 041172 52-153  
112

Date 05/20/03

\$ 65.00

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Docket No. 20563/1025

PALMER & DODGE LLP

AUTH. SIG.

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outh Portland, ME

041172 05 201539 80 057 209

Serial No. 10/396,914 File No. 20563/1025 By: JDD/BAS

Applicant(s): Rablner et al.

Title: Apparatus & Method for an Ultrasonic Probe Used with a Pharmaceutical Agent

The Following, DUE \_\_\_\_\_ in the USPTO, was received by the PTO Mail Room on the date stamped hereon:

- Cert. of Mailing by Express Mail (37 CFR 1.10)  
Express Mail Label No. \_\_\_\_\_
- Cert. of Mailing under 37 CFR 1.8(a)
- Patent Application (\_\_\_\_ total pgs)  
 Provisional or  Non-Provisional  
(\_\_\_\_ pgs) Specification (\_\_\_\_ pgs) Abstract,  
(\_\_\_\_ pgs) Claims (\_\_\_\_ # claims)
- New Patent Application Transmittal
- Provisional Patent Application Cover Sheet
- Declaration and Power of Attorney(4 pg)
- Application Data Sheet
- Drawings \_\_\_\_\_ Sheet(s) (FIGS. \_\_\_\_\_)  
 Formal or  Informal
- Assignment of \_\_\_\_\_
- Recordation Cover Sheet Form PTO-1595
- Information Disclosure Statement
- Form PTO 1449 and Copies of Cited References
- Other \_\_\_\_\_
- Response to Notice to File Missing Parts(1 pg)  
Copy of Part 2 of NFMP (1 pg)  
Diskette Containing Nucleotide and/or  
Amino Acid Sequence Listing
- Priority Document(s) # \_\_\_\_\_
- Amendment/Response
- Petition for Extension of Time (x2)  
Check in the amount of \$65.00  
Check # 041172
- Transmittal of Formal Drawings
- Motion/Opposition/Reply
- Request for Con'd Examination (RCE)
- Notice of Appeal
- Appeal Brief (x3)
- Issue Fee Transmittal
- Transmittal Letter (x2)(1 pg)

MAILED 5/20/03